Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1653hxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	SEP 09	CA/CAplus records now contain indexing from 1907 to the present
NEWS 4	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 5	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS 7	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS 8	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Righ Truncation
NEWS 9	AUG 18	Simultaneous left and right truncation added to ANABSTR
NEWS 10	SEP 22	DIPPR file reloaded
NEWS 11	DEC 08	INPADOC: Legal Status data reloaded
NEWS 12	SEP 29	DISSABS now available on STN
NEWS 13	OCT 10	PCTFULL: Two new display fields added
NEWS 14	OCT 21	BIOSIS file reloaded and enhanced
NEWS 15	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 16	NOV 24	MSDS-CCOHS file reloaded
NEWS 17	DEC 08	CABA reloaded with left truncation
NEWS 18	DEC 08	IMS file names changed
NEWS 19	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS 20	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 21	DEC 17	DGENE: Two new display fields added
NEWS 22	DEC 18	BIOTECHNO no longer updated
NEWS 23	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS 24	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 25	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 26	DEC 22	ABI-INFORM now available on STN

NEWS EXPRESS	NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:23:36 ON 23 DEC 2003

=> file medline, uspatful, dgene, embase, wpids, biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 14:24:01 ON 23 DEC 2003

FILE 'USPATFULL' ENTERED AT 14:24:01 ON 23 DEC 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 14:24:01 ON 23 DEC 2003
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'EMBASE' ENTERED AT 14:24:01 ON 23 DEC 2003
COPYRIGHT (C) 2003 Elsevier Inc. All rights reserved.

FILE 'WPIDS' ENTERED AT 14:24:01 ON 23 DEC 2003
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'BIOSIS' ENTERED AT 14:24:01 ON 23 DEC 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

=> s INGAP
L1 1916 INGAP

=> s l1 and probe
L2 51 L1 AND PROBE

=> s l1 and primer
L3 48 L1 AND PRIMER

=> s l1 and anti-sense construct
L4 0 L1 AND ANTI-SENSE CONSTRUCT

=> s l1 and oligonucleotide
L5 16 L1 AND OLIGONUCLEOTIDE

=> s l2 and l3
L6 10 L2 AND L3

=> s l6 and l5
L7 9 L6 AND L5

=> d l7 ti abs ibib tot

L7 ANSWER 1 OF 9 USPATFULL on STN
TI Conversion of liver stem and progenitor cells to pancreatic functional cells
AB The subject invention a method for converting liver stem/progenitor cells to a pancreatic functional cell by transfecting said liver cells with a pancreatic development gene and/or by culturing with pancreatic differentiation factors. The resulting cells produce and secrete insulin protein in response to glucose stimulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:200966 USPATFULL
TITLE: Conversion of liver stem and progenitor cells to

pancreatic functional cells
INVENTOR(S): Yin, Li, Gainesville, FL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003138951	A1	20030724
APPLICATION INFO.:	US 2002-273746	A1	20021018 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-337446P	20011018 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SWANSON & BRATSCHUN L.L.C., 1745 SHEA CENTER DRIVE, SUITE 330, HIGHLANDS RANCH, CO, 80129
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 997
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 9 USPATFULL on STN
TI Cyanine dye compounds and labeling methods
AB A novel cyanine dye having the formula ##STR1##

is useful for labeling biological and nonbiological molecules.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:190696 USPATFULL
TITLE: Cyanine dye compounds and labeling methods
INVENTOR(S): Narayanan, Narasimhachari, Lincoln, NE, United States
PATENT ASSIGNEE(S): Li-Cor, Inc., Lincoln, NE, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6593148	B1	20030715
APPLICATION INFO.:	US 2000-520770		20000307 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1998-143153, filed on 20 Aug 1998, now abandoned Division of Ser. No. US 1995-500691, filed on 11 Jul 1995, now patented, Pat. No. US 6086737 Continuation-in-part of Ser. No. US 1994-204627, filed on 1 Mar 1994, now patented, Pat. No. US 5571388
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Ceperley, Mary E.
LEGAL REPRESENTATIVE: Rothwell, Figg, Ernst & Manbeck
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1025
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 9 USPATFULL on STN
TI Full-length serine protein kinase in brain and pancreas
AB The present invention relates to all facets of novel polynucleotides, the polypeptides they encode, antibodies and specific binding partners thereto, and their applications to research, diagnosis, drug discovery, therapy, clinical medicine, forensic science, pathology, and medicine, etc. The polynucleotides are expressed in brain and pancreas and are therefore useful in variety of ways, including, but not limited to, as molecular markers, as drug targets, and for detecting, diagnosing, staging, monitoring, prognosticating, preventing or treating,

determining predisposition to, etc., diseases and conditions, especially relating to brain and pancreas.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:140430 USPATFULL
TITLE:	Full-length serine protein kinase in brain and pancreas
INVENTOR(S):	Shu, Youmin, Potomac, MD, UNITED STATES Fan, Wufang, Germantown, MD, UNITED STATES Kovacs, Karl F., Rockville, MD, UNITED STATES Zidanic, Michael, Derwood, MD, UNITED STATES Jay, Gilbert, North Bethesda, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003096271	A1	20030522
APPLICATION INFO.:	US 2002-195071	A1	20020715 (10)

RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-930181, filed on 16 Aug 2001, GRANTED, Pat. No. US 6455292
DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	ORIGENE TECHNOLOGIES, INCORPORATED, 6 TAFT COURT, SUITE 100, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS:	21
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	3 Drawing Page(s)
LINE COUNT:	2764

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 9 USPATFULL on STN

TI Full-length serine protein kinase in brain and pancreas

AB The present invention relates to all facets of novel polynucleotides, the polypeptides they encode, antibodies and specific binding partners thereto, and their applications to research, diagnosis, drug discovery, therapy, clinical medicine, forensic science, pathology, and medicine, etc. The polynucleotides are expressed in brain and pancreas and are therefore useful in variety of ways, including, but not limited to, as molecular markers, as drug targets, and for detecting, diagnosing, staging, monitoring, prognosticating, preventing or treating, determining predisposition to, etc., diseases and conditions, especially relating to brain and pancreas.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:133951 USPATFULL
TITLE:	Full-length serine protein kinase in brain and pancreas
INVENTOR(S):	Shu, Youmin, Potomac, MD, UNITED STATES Fan, Wufang, Germantown, MD, UNITED STATES Kovacs, Karl F., Rockville, MD, UNITED STATES Zidanic, Michael, Derwood, MD, UNITED STATES Jay, Gilbert, North Bethesda, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003092036	A1	20030515
APPLICATION INFO.:	US 2002-195072	A1	20020715 (10)

RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-930181, filed on 16 Aug 2001, GRANTED, Pat. No. US 6455292
DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	ORIGENE TECHNOLOGIES, INCORPORATED, 6 TAFT COURT, SUITE 100, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS:	21
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	3 Drawing Page(s)
LINE COUNT:	2773

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 9 USPATFULL on STN
TI Full-length serine protein kinase in brain and pancreas
AB The present invention relates to all facets of novel polynucleotides, the polypeptides they encode, antibodies and specific binding partners thereto, and their applications to research, diagnosis, drug discovery, therapy, clinical medicine, forensic science, pathology, and medicine. The polynucleotides are expressed in brain and pancreas and are therefore useful in variety of ways, including, but not limited to, as molecular markers, as drug targets, and for detecting, diagnosing, staging, monitoring, prognosticating, preventing or treating, determining predisposition to diseases and conditions, especially relating to brain and pancreas.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2002:246571 USPATFULL
TITLE:	Full-length serine protein kinase in brain and pancreas
INVENTOR(S):	Shu, Youmin, Potomac, MD, United States Fan, Wufang, Germantown, MD, United States Kovacs, Karl F., Rockville, MD, United States Zidanic, Michael, Derwood, MD, United States Jay, Gilbert, North Bethesda, MD, United States
PATENT ASSIGNEE(S):	OriGene Technologies, Inc, Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6455292	B1	20020924	
APPLICATION INFO.:	US 2001-930181		20010816	(9)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	GRANTED
PRIMARY EXAMINER:	Murthy, Ponnathapuachuta
ASSISTANT EXAMINER:	Ramirez, Delia
LEGAL REPRESENTATIVE:	Lebovitz, Richard M.
NUMBER OF CLAIMS:	6
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT:	2617

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 9 USPATFULL on STN
TI Gene markers for chronic mucosal injury
AB The invention provides gene markers for chronic mucosal injury and ulcerative colitis. Expression products of the REG gene family can be used to detect the presence of chronic mucosal injury in a body sample of a human. The expression products of a gene represented by a Hs. 111244 polynucleotide can be used to detect ulcerative colitis in a body sample of a human. Further, these markers can be used to differentiate humans with chronic mucosal injury from humans with common acute inflammatory colon disorder, common non-inflammatory benign colon disorder, and healthy colons. The degree of injury to the colon from chronic mucosal injury can be determined and the efficacy of therapy for chronic mucosal injury can be monitored. A method of screening compounds for anti-chronic mucosal injury and anti-ulcerative activity is also provided by these gene markers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2002:54606 USPATFULL
TITLE:	Gene markers for chronic mucosal injury
INVENTOR(S):	Dieckgraefe, Brian K., St. Louis, MO, UNITED STATES

	NUMBER	KIND	DATE

PATENT INFORMATION: US 2002031767 A1 20020314
APPLICATION INFO.: US 2000-739262 A1 20001219 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-146969, filed on 4 Sep 1998, GRANTED, Pat. No. US 6228585
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BANNER & WITCOFF, 1001 G STREET N W, SUITE 1100, WASHINGTON, DC, 20001
NUMBER OF CLAIMS: 76
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 870
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 9 USPATFULL on STN
TI Gene markers for chronic mucosal injury
AB The invention provides gene markers for chronic mucosal injury and ulcerative colitis. Expression products of the REG gene family can be used to detect the presence of chronic mucosal injury in a body sample of a human. The expression products of a gene represented by a Hs.111244 polynucleotide can be used to detect ulcerative colitis in a body sample of a human. Further, these markers can be used to differentiate humans with chronic mucosal injury from humans with common acute inflammatory colon disorder, common non-inflammatory benign colon disorder, and healthy colons. The degree of injury to the colon from chronic mucosal injury can be determined and the efficacy of therapy for chronic mucosal injury can be monitored. A method of screening compounds for anti-chronic mucosal injury and anti-ulcerative activity is also provided by these gene markers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2001:67396 USPATFULL
TITLE: Gene markers for chronic mucosal injury
INVENTOR(S): Dieckgraefe, Brian K., St. Louis, MO, United States
PATENT ASSIGNEE(S): Washington University, St. Louis, MO, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6228585	B1	20010508	
APPLICATION INFO.:	US 1998-146969		19980904	(9)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Arthur, Lisa B.
LEGAL REPRESENTATIVE: Banner & Witcoff LTD
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 531
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 9 USPATFULL on STN
TI Sequencing near infrared and infrared fluorescence labeled DNA for detecting using laser diodes and suitable labels therefor
AB To sequence DNA automatically, DNA marked with far infrared, near infrared, or infrared fluorescent dyes are electrophoresed in a plurality of channels through a gel electrophoresis slab or capillary tubes wherein the DNA samples are resolved in accordance with the size of DNA fragments in the gel electrophoresis slab or capillary tubes into fluorescently marked DNA bands. The separated samples are scanned photoelectrically with a laser diode and a sensor, wherein the laser scans with scanning light at a wavelength within the absorbance spectrum of said fluorescently marked DNA samples and light is sensed at the emission wavelength of the marked DNA.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2000:87570 USPATFULL

TITLE: Sequencing near infrared and infrared fluorescence labeled DNA for detecting using laser diodes and suitable labels therefor

INVENTOR(S): Patonay, Gabor, Conyers, GA, United States
Narayanan, Narasimhachari, Lincoln, NE, United States
Brumbaugh, John A., Lincoln, NE, United States
Middendorf, Lyle Richard, Lincoln, NE, United States

PATENT ASSIGNEE(S): Li-Cor, Inc., Lincoln, NE, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6086737		20000711
APPLICATION INFO.:	US 1995-500691		19950711 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-288461, filed on 10 Aug 1994, now patented, Pat. No. US 5534125 which is a division of Ser. No. US 1993-18806, filed on 17 Feb 1993, now patented, Pat. No. US 5360523 which is a continuation-in-part of Ser. No. US 1991-763230, filed on 20 Sep 1991, now patented, Pat. No. US 5230781 which is a continuation-in-part of Ser. No. US 1990-570503, filed on 21 Aug 1990, now patented, Pat. No. US 5207880 which is a continuation-in-part of Ser. No. US 1987-78279, filed on 27 Jul 1987, now abandoned which is a division of Ser. No. US 1984-594676, filed on 29 Mar 1984, now patented, Pat. No. US 4729947 And a continuation-in-part of Ser. No. US 1994-204627, filed on 1 Mar 1994, now patented, Pat. No. US 5571388 which is a continuation-in-part of Ser. No. US 1992-860140, filed on 30 Mar 1992, now patented, Pat. No. US 5366603 which is a division of Ser. No. US 763230 And a continuation-in-part of Ser. No. US 1994-275232, filed on 14 Jul 1994, now abandoned which is a division of Ser. No. US 1992-950734, filed on 24 Sep 1992, now patented, Pat. No. US 5346603 which is a continuation of Ser. No. US 1991-799712, filed on 26 Nov 1991, now abandoned which is a continuation of Ser. No. US 1990-632605, filed on 24 Dec 1990, now abandoned which is a continuation of Ser. No. US 1987-78279, filed on 27 Jul 1987, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Beisner, William H.
ASSISTANT EXAMINER: Starsiak, Jr., John S.
LEGAL REPRESENTATIVE: Carney, Vincent L.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 9
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 932

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 9 USPATFULL on STN

TI **Ingap** protein involved in pancreatic islet neogenesis

AB Cellophane wrapping (CW) of hamster pancreas induces proliferation of duct epithelial cells followed by endocrine cell differentiation and islet neogenesis. Using the mRNA differential display technique a cDNA clone expressed in cellophane wrapped but not in control pancreata was identified. Using this cDNA as a **probe**, a cDNA library was screened and a gene not previously described was identified and named **INGAP**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 1998:147253 USPATFULL
TITLE: **Ingap** protein involved in pancreatic islet neogenesis
INVENTOR(S): Vinik, Aaron I., Norfolk, VA, United States
Pittenger, Gary L., Virgina Beach, VA, United States
Rafaeloff, Ronit, Chesapeake, VA, United States
Rosenberg, Lawrence, Montreal, Canada
Duguid, William P., Montreal, Canada
PATENT ASSIGNEE(S): MoGill University, Canada (non-U.S. corporation)
Eastern Virginia Medical School of the Medicine College of Hampton Roads, Norfolk, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5840531		19981124
APPLICATION INFO.:	US 1996-709662		19960909 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1995-401530, filed on 22 Feb 1995
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Grimes, Eric
ASSISTANT EXAMINER: Longton, Enrique D.
LEGAL REPRESENTATIVE: Banner & Witocoff, Ltd
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 969
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

```
=> d his

     (FILE 'HOME' ENTERED AT 14:23:36 ON 23 DEC 2003)

     FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, BIOSIS' ENTERED AT
     14:24:01 ON 23 DEC 2003
L1          1916 S INGAP
L2            51 S L1 AND PROBE
L3            48 S L1 AND PRIMER
L4             0 S L1 AND ANTI-SENSE CONSTRUCT
L5            16 S L1 AND OLIGONUCLEOTIDE
L6            10 S L2 AND L3
L7             9 S L6 AND L5

=> s l1 and stimulate islet cell neogenesis
L8             0 L1 AND STIMULATE ISLET CELL NEOGENESIS

=> s l1 and encoding DNA
L9             0 L1 AND ENCODING DNA

=> s l1 and DNA
L10           45 L1 AND DNA

=> s l10 and islet cell neogenesis
L11            5 L10 AND ISLET CELL NEOGENESIS

=> d l11 ti abs ibib tot

L11  ANSWER 1 OF 5  USPATFULL on STN
TI     Assay for the detection of factors that modulate the expression of
       INGAP
AB     A reporter construct contains mammalian INGAP 5'-regulatory
```

region or a fragment thereof, a minimal promoter element from mammalian **INGAP** or a heterologous promoter, and a reporter gene. The reporter construct can be used to screen for agents which alone or in combination up-regulate or down-regulate reporter gene expression. Alternatively, the reporter construct can be used to screen for agents that bind to the hamster **INGAP** 5'-regulatory region or a fragment thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:294286 USPATFULL
TITLE:	Assay for the detection of factors that modulate the expression of **INGAP**
INVENTOR(S):	Taylor-Fishwick, David A., Norfolk, VA, UNITED STATES Vinik, Aaron I., Norfolk, VA, UNITED STATES
PATENT ASSIGNEE(S):	The Procter & Gamble Company, Cincinnati, OH, UNITED STATES, 45224 (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003207301	A1	20031106	
APPLICATION INFO.:	US 2003-339767	A1	20030109	(10)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2002-388315P	20020614	(60)
	US 2002-361073P	20020301	(60)
	US 2002-346898P	20020111	(60)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224
NUMBER OF CLAIMS:	17
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	13 Drawing Page(s)
LINE COUNT:	2709

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 2 OF 5 USPATFULL on STN

TI **Ingap** protein involved in pancreatic islet neogenesis

AB Cellophane wrapping (CW) of hamster pancreas induces proliferation of duct epithelial cells followed by endocrine cell differentiation and islet neogenesis. Using the mRNA differential display technique a cDNA clone expressed in cellophane wrapped but not in control pancreata was identified. Using this cDNA as a probe, a cDNA library was screened and a gene not previously described was identified and named **INGAP**
.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	1998:147253 USPATFULL
TITLE:	**Ingap** protein involved in pancreatic islet neogenesis
INVENTOR(S):	Vinik, Aaron I., Norfolk, VA, United States Pittenger, Gary L., Virgina Beach, VA, United States Rafaeloff, Ronit, Chesapeake, VA, United States Rosenberg, Lawrence, Montreal, Canada Duguid, William P., Montreal, Canada
PATENT ASSIGNEE(S):	MoGill University, Canada (non-U.S. corporation) Eastern Virginia Medical School of the Medicine College of Hampton Roads, Norfolk, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE

PATENT INFORMATION: US 5840531 19981124
APPLICATION INFO.: US 1996-709662 19960909 (8)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1995-401530, filed on 22 Feb 1995
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Grimes, Eric
ASSISTANT EXAMINER: Longton, Enrique D.
LEGAL REPRESENTATIVE: Banner & Witocoff, Ltd
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 969
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 3 OF 5 USPATFULL on STN
TI **Ingap** protein involved in pancreatic islet neogenesis
AB Cellophane wrapping (CW) of hamster pancreas induces proliferation of duct epithelial cells followed by endocrine cell differentiation and islet neogenesis. Using the mRNA differential display technique a cDNA clone expressed in cellophane wrapped but not in control pancreata was identified. Using this cDNA as a probe, a cDNA library was screened and a gene not previously described was identified and named **INGAP**
.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 1998:139021 USPATFULL
TITLE: **Ingap** protein involved in pancreatic islet neogenesis
INVENTOR(S): Vinik, Aaron I., Norfolk, VA, United States
Pittenger, Gary L., Virginia Beach, VA, United States
Rafaeloff, Ronit, Norfolk, VA, United States
Rosenberg, Lawrence, Montreal, Canada
Duguid, William P., Montreal, Canada
PATENT ASSIGNEE(S): Eastern Virginia Medical School of the Medical College of Hampton Roads, Norfolk, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5834590		19981110	
APPLICATION INFO.:	US 1995-401530		19950222	(8)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Longton, Enrique D.
LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 941
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 4 OF 5 USPATFULL on STN
TI High level of expression of **ingap** in bacterial and euraryotic cells
AB Removal of the nucleotide sequence encoding the signal peptide from the **INGAP** coding sequence allows cultured cells to express substantial amounts of **INGAP** activity. Previous attempts have provided only low yields of **INGAP**, possibly because the signal sequence of **INGAP** is toxic to the cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 1998:108255 USPATFULL

TITLE:	High level of expression of **ingap** in bacterial and euraryotic cells
INVENTOR(S):	Vinik, Aaron I., Norfolk, VA, United States Pittenger, Gary L., Virginia Beach, VA, United States Rafaeloff-Phail, Ronit, Chesapeake, VA, United States Barlow, Scott W., Norfolk, VA, United States
PATENT ASSIGNEE(S):	Eastern Virginia Medical School of the Medical College fo Hampton Roads, Norfolk, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5804421		19980908
APPLICATION INFO.:	US 1997-909725		19970812 (8)

RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-741096, filed on 30 Oct 1996, now abandoned
DOCUMENT TYPE:	Utility
FILE SEGMENT:	Granted
PRIMARY EXAMINER:	Wax, Robert A.
ASSISTANT EXAMINER:	Longton, Enrique D.
LEGAL REPRESENTATIVE:	Banner & Witcoff, Ltd.
NUMBER OF CLAIMS:	18
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT:	848

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
TI **INGAP** protein involved in pancreatic islet neogenesis.

ACCESSION NUMBER:	1999:71009 BIOSIS
DOCUMENT NUMBER:	PREV199900071009
TITLE:	**INGAP** protein involved in pancreatic islet neogenesis.
AUTHOR(S):	Vinik, A. I [Inventor]; Pittenger, G. L. [Inventor]; Rafaeloff, R. [Inventor]; Rosenberg, L. [Inventor]; Duguid, W. P. [Inventor]
CORPORATE SOURCE:	Norfolk, Va., USA ASSIGNEE: EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICINE COLLEGE OF HAMPTON ROADS; MOGILL UNIVERSITY
PATENT INFORMATION:	US 5840531 Nov. 24, 1998
SOURCE:	Official Gazette of the United States Patent and Trademark Office Patents, (Nov. 24, 1998) Vol. 121, No. 4, pp. 3963. print. CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE:	Patent
LANGUAGE:	English
ENTRY DATE:	Entered STN: 1 Mar 1999 Last Updated on STN: 1 Mar 1999